

Title (en)

Method and device for defining elastic deformations and measuring the internal angle of a gyratory compactor

Title (de)

Verfahren und Vorrichtung zur Definition von elastischen Deformationen und Messung des inneren Winkels eines Kreiselverdichters

Title (fr)

Procédé et dispositif pour la définition de déformations élastiques et mesurage de l'angle interne d'un compacteur giratoire

Publication

**EP 1348942 B1 20091028 (EN)**

Application

**EP 03396025 A 20030320**

Priority

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- FI 20022035 A 20021115

Abstract (en)

[origin: EP1348942A2] The object of the invention is a method for defining elastic deformations and integral angle between of the most important parts of a gyratory compactor, in which method the angle of gyration of a gyratory compactor is measured during the use of the gyratory compactor. The object of the invention is also a device, which includes measuring elements (13, 20; 27, 28) for measuring the angle of gyration of a gyratory compactor. Characteristic to the method in accordance with the invention is the fact that a loading device (1) is adjusted in the place of mass specimen, the loading of which on the gyratory compactor is earlier known and that the gyratory compactor will be in use while the loading device (1) is inside the gyratory compactor. Characteristic to the device in accordance with the invention is the fact that the device includes at least one loading device which can be placed inside the specimen cylinder mold of the gyratory compactor.

IPC 8 full level

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Cited by

US6889558B2; CN112782066A; CN111791337A; CN110672000A; US6904693B2; US6925889B2; WO2021232869A1

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